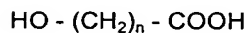


New claims:

JC20 Rec'd PCT/PTO 13 APR 2005

1. A polyamide containing a compound which bears at least one hydroxy group and has chemical bonding by way of an amide group to the end of the polymer chain, where the compound which bears at least one hydroxy group is a linear, unbranched alkanemono-carboxylic acid which bears at least one terminal hydroxy group.
2. A polyamide as claimed in claim 1, where the monocarboxylic acid which bears at least one terminal hydroxy group has the formula



where  $n = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, \text{ or } 15$ .

3. A polyamide as claimed in claim 1, where the monocarboxylic acid which bears at least one terminal hydroxy group has the formula  $\text{HO} - (\text{CH}_2)_5 - \text{COOH}$ .
4. A polyamide as claimed in any of claims 1 to 3, where the content of the compound which bears at least one hydroxy group is in the range from 0.001 to 2 mol%, based on 1 mole of amide groups of the polyamide.
5. A process for preparing a polyamide, which comprises carrying out the reaction of monomers suitable for forming a polyamide to give a polyamide in the presence of a compound which bears at least one hydroxy group as claimed in any of claims 1 to 3.
6. A process for preparing a polyamide, which comprises carrying out the reaction of oligomers suitable for forming a polyamide to give a polyamide in the presence of a compound which bears at least one hydroxy group as claimed in any of claims 1 to 3.
7. A fiber, a film, or a molding, comprising a polyamide as claimed in any of claims 1 to 4.

AMENDED SHEET